

00684.003054.1



COJC

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:

Izumi TSUKAMOTO et al.

)  
:  
Examiner: P. B. Kim

Application No.: 10/648,479

)  
:  
Group Art Unit: 2851

Filed: August 27, 2003

)  
:  
October 18, 2004

For: SUBSTRATE ATTRACTING AND HOLDING  
SYSTEM FOR USE IN EXPOSURE APPARATUS

.)

U.S. Patent No. 6,762,826 B2

.)

Issued: July 13, 2004

.)

The Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
**Attention: Certificate of Correction Branch**

**Certificate  
OCT 20 2004  
of Correction**

REQUEST FOR  
CERTIFICATE OF CORRECTION  
UNDER RULE 322

Sir:

Patentees request that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes. A Certificate of Correction form, in duplicate, is enclosed.

No fee is believed to be due with the filing of this paper. Nevertheless, the Commissioner may charge Deposit Account No. 06-1205 should any fee be deemed necessary

for filing this paper. A duplicate of this paper is enclosed for that purpose.

Patentees' undersigned attorney may be reached in our Washington, D.C. Office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



\_\_\_\_\_  
Attorney for Patentees  
Steven E. Warner  
Registration No. 33,326

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PATENT NO. : 6,762,826 B2

DATED : July 13, 2004

INVENTOR(S): Izumi TSUKAMOTO et al.

Page 1 of 14

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**ON THE COVER PAGE:**

In item "(57) ABSTRACT," delete the current abstract and insert the following therefor:

-- An apparatus for holding a substrate includes a table, protrusions, being provided on the table, on which the substrate is to be supported, and at least a portion of an attracting unit, the attracting unit attracting the substrate onto the protrusions. The apparatus is arranged such that the protrusions are disposed in accordance with a pattern formed on or to be formed on the substrate. --

**COLUMN 1:**

Line 15, "in" should read -- in the --.

Line 27, "made" should read -- made to --.

Line 35, "Where" should read -- When --.

Line 50, "such" should read -- such a --

Line 60, "are" should be deleted.

Line 61, "communicated" should read -- communicate --.

Line 66, "wafer" should read -- wafer, -- and "substrate" should read -- substrate, --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 2:**

Line 27, "marks" should read -- mark --.  
Line 28, "protrusions" should read -- a protrusion --.  
Line 47, "can" should read -- can --.  
Line 64, "made" should read -- made to be --.

**COLUMN 3:**

Line 1, "portion" should read -- portion, --.  
Line 6, "as" should read -- is --.  
Line 7, "as" should read -- is --.  
Line 8, "solving" should read -- solve --.  
Line 36, "where" should read -- when --.  
Line 38, "pitch" should read -- pitch of --.  
Line 43, "focus" should read -- focus of --.  
Line 44, "precision" should read -- precision of --.

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Page 3 of 14

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 4:**

Line 3, "in" should read -- with --.  
Line 15, "error" should read -- error, -- and "coordinate" should read -- the coordinates --.  
Line 18, "substrate." should read -- substrate, is reduced. --.  
Line 22, "provided on said holding table, said protrusion" should be deleted.  
Line 33, the second occurrence of "a" should be deleted.

**COLUMN 5:**

Line 64, the first occurrence of "curves" should be deleted and "double-ends" should read -- double-end --.

**COLUMN 7:**

Line 1, "100" should read -- 100, --.  
Line 9, "1C)" should read -- 1C), --.  
Line 10, "to" should read -- to the --.  
Line 11, "13" should read -- 13, --.  
Line 12, "to" should read -- to the --.  
Line 16, "2" should be deleted.  
Line 18, "2" should be deleted.  
Line 33, "and" should read -- and a --.

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**COLUMN 8:**

Line 2, "coordinate" should read -- coordinates --.  
Line 24, "marks" should read -- mark --.  
Line 25, "kept" should read -- maintained --.  
Line 29, the first occurrence of "the" should be deleted.  
Line 46, "to" should read -- to the --.  
Line 50, both occurrences of "in" should read -- in the --.  
Line 53, "to" should read -- to the --.  
Line 57, both occurrences of "in" should read -- in the --.  
Line 59, "in" should read -- in the --.  
Line 60, "in" should read -- in the --.  
Line 63, "in" should read -- in the --.  
Line 64, "to" should read -- to the --.

**COLUMN 9:**

Line 54, "is" should read -- are --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 10:**

Line 12, "advantageously" should read -- advantageously, --.

Line 30, "as" should read -- as those --.

**COLUMN 11:**

Line 17, "such" should read -- such a --.

Line 18, "is" should read -- are --.

Line 34, "such" should read -- such a --.

Line 45, "relatively" should read -- relative --.

Line 61, "In" should read -- On --.

**COLUMN 12:**

Line 50, "such" should read -- such a --.

**COLUMN 13:**

Line 26, "such" should read -- such a --.

Line 48, "can not" should read -- cannot --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 14:**

Line 5, ““reticle”” should read -- “reticle”), --.  
Line 24, “material” should read -- material, --.  
Line 35, “can not” should read -- cannot --.  
Line 42, “in” should read -- with --.  
Line 53, “even” should read -- evenly --.  
Line 56, “Where” should read -- When --.  
Line 60, “even” should read -- evenly --.  
Line 61, “to” should read -- to the --.

**COLUMN 15:**

Line 17, “in” should read -- in the -- and “x” should be deleted.  
Line 18, “location” should read -- location, --.  
Line 19, “in” should read -- in the --.

**COLUMN 16:**

Line 35, “an” should read -- a --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 17:**

Line 5, "60-deg." should read -- 60-degree --.  
Line 7, "on" should read -- on a --.  
Line 47, "even" should read -- evenly --.  
Line 57, "Where" should read -- When --.

**COLUMN 18:**

Line 5, "where" should read -- when --.  
Line 6, "follow" should read -- follows --.  
Line 15, "Where" should read -- When --.  
Line 25, "Since" should read -- Since, -- and "practice" should read -- practice, --.  
Line 31, "in" should read -- in the --.  
Line 32, "in" should read -- in the --.  
Line 36, "in" should read -- in the --.  
Line 51, the second occurrence of "surface," should read -- surface, or --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 19:**

Line 3, "relatively" should read -- relative --.  
Line 7, "in" should read -- with --.  
Line 9, "practically" should read -- practically, --.  
Line 12, "60-deg." should read -- 60-degree --.  
Line 15, "where" should read -- when --.  
Line 29, "of" should read -- in --.  
Line 33, "(=2<sup>1/2</sup>)" should read -- (= 2<sup>1/2</sup>)<sup>4</sup> --.  
Line 34, "2<sup>4</sup>)" should be deleted.  
Line 35, "Since" should read -- Since, -- and "however" should read -- however, --.  
Line 40, "60-deg." should read -- 60-degree --.  
Line 56, "60-deg." should read -- 60-degree --.  
Line 60, "60-deg." should read -- 60-degree --.  
Line 63, "poi" should read -- point --.

**COLUMN 20:**

Line 41, "of" should read -- having -- and "diameter" should read -- diameter of --.

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COLUMN 21:

Line 19, "can not" should read -- cannot --.  
Line 30, "of" should read -- having -- and "diameter" should read -- diameter of --.  
Line 32, "in" should read -- on --.  
Line 40, "in" should read -- in the --.  
Line 41, "be come" should read -- become --.  
Line 54, "strict" should read -- stricter --.

COLUMN 22:

Line 19, "h=0.725" should read -- h=0.625 --.  
Line 35, the second occurrence of "in" should read -- with --.

COLUMN 23:

Line 27, "60-deg." should read -- 60-degree --.  
Line 30, "n( $\frac{2}{3}^{1/2}$ )/L<sup>2</sup>" should read -- n=( $2/3^{1/2}$ )/L<sup>2</sup> --.  
Line 32, "where" should read -- when --.  
Line 39, "60-deg." should read -- 60-degree -.  
Line 63, "with" should be deleted.  
Line 64, "it" should be deleted; "is" should read -- is, -- and "principle" should read -- principle, --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 24:**

Line 9, "in" should read -- in the --.  
Line 31, "thereof," should read -- thereof, a --.  
Line 32, "on" should read -- of --.  
Line 34, "potion" should read -- portion --.  
Line 49, "a even" should read -- an evenly --.  
Line 55, "Where" should read -- When --.

**COLUMN 25:**

Line 7, "give" should read -- given --.  
Line 10, "where" should read -- when --.  
Line 32, " $P \leq [(15.38 \cdot E \cdot h^3 \cdot dz) / c_1] \cdot (1/L^4)$ " should read --  $P \leq [(15.38 \cdot E \cdot h^3 \cdot dz) / c_1] \cdot (1/L^4)$  --.  
Line 59, "tolerance dz is 80 nm and the wafer distortion" should be deleted.  
Line 61, the first occurrence of "is" should read -- as --.  
Line 67, "L" should read -- L, --.

**COLUMN 26:**

Line 62, "in" should read -- with --.

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**COLUMN 27:**

Line 39, "in" should read -- with --.

Line 50, "Where" should read -- When --.

**COLUMN 28:**

Line 1, "Where" should read -- When --.

Line 9, "In" should read -- On --.

Line 14, "pin" should read -- pins --.

Line 15, "pin" should read -- pins --.

Line 16, "pin" should read -- pins --.

Line 21, "pin" should read -- pins --.

Line 48, "may" should read -- may be --.

Line 49, "made narrow properly." should read -- made properly narrow. --

Line 57, "V." should read -- v. --.

Line 61, "with" should read -- with the --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 29:**

Line 5, "345" should read -- 385 --.  
Line 27, "In" should read -- On --.  
Line 30, "imaging" should read -- image -- and the second occurrence of "or" should be deleted.  
Line 39, "pressers" should read -- pressure --.  
Line 45, "a" should be deleted.  
Line 49, the first occurrence of "382" should read -- 381 --.

**COLUMN 30:**

Line 4, "Where" should read -- When --.  
Line 7, "not" should read -- not to --.  
Line 15, "In" should read -- On --.  
Line 21, the second occurrence of "In" should read -- On --.  
Line 22, "Lx" should read -- Lx, --.  
Line 30, "In" should read -- On --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 31:

Line 28, the first occurrence of "In" should read -- On --.  
Line 39, "forgoing" should read -- foregoing --.  
Line 45, the second occurrence of "is" should read -- be --.  
Line 47, the first occurrence of "is" should read -- is set to be -- and "is satisfied," should be deleted.  
Line 55, "In" should read -- On --.

COLUMN 32:

Line 5, "In" should read -- On --.  
Line 7, "has" should read -- have --.  
Line 14, "for" should read -- for the --.  
Line 15, "defect" should read --defects -- and "device" should read -- devices --.  
Line 23, "402" should read -- 402, --.

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Page 14 of 14

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 33:

Line 3, "may" should read -- may, -- and "of course" should read -- of course, --.

Line 13, the first occurrence of "of" should read -- of a -- and "for" should read -- for the --.

Line 14, "e.g." should read -- e.g., --.

Line 28, "wherein" should read -- wherein an --.

Line 29, "check," should read -- check, a --.

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